



CALL IN NUMBER:  
PARTICIPANT CODE:

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## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
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<b>Client</b>	USACE New Bedford Office	<b>Date</b>	March 29, 2017	
<b>Project</b>	New Bedford Harbor Superfund Site	<b>Project No.</b>	35BG1001	
<b>Prepared By</b>	Steve Sills	<b>Note No.</b>	623	
<b>Subject</b>	New Bedford Harbor - Client Update Meeting			
<b>Participants</b>	(* Denotes Part Time Participation)	<b>Distribution (attendees plus)</b>	<b>See below</b>	
<u><b>Client</b></u>	<u><b>EPA</b></u>	<u><b>MassDEP</b></u>	<u><b>Jacobs</b></u>	<u><b>Battelle</b></u>
Kevin Coleman	Dave Dickerson	Garry Waldeck	Anita Rigassio Smith	Deirdre Dahlen
Peter Hugh			Steve Fox	Patty White
Marie Esten		<u><b>Sevenson</b></u>	Steve Sills	Jessica Tenzar
Tim Rezendes		Joe Mahoney	Beth Anderson	
Ellen Iorio		Mike Brouillette	Craig Kish	
Bob Christie			Josh Cummings	

### SAFETY/SITE MAINTENANCE

Safety Alert	Notes
	Use caution when walking around site. Rain has caused areas to become very slick. Also, please ensure that you make eye contact with heavy equipment operators before entering their work area.
Site Maintenance	Procurement is working on hot water heater replacement at Area D. Repairs to the Area D main gate will be performed with in house personnel and equipment. Due to recent cold spell, more water lines have frozen; repairs are ongoing. Service to the sample trailer hydrant will be restored today.

Distribution: Participants: **Jacobs:** Document Control File, Beth Anderson, Mike Anderson, Jon Blount, Jackie Connor, Josh Cummings, Lonnie Fallin, Steve Fox, Ken Gaynor, Mark Gouveia, Al Hardesty, Debra Hickman, Alison Hutchinson, Will Kenyon, Craig Kish, Mike Morris, Jim Piccillo, Greg Scott, Steven Sills, Anita Rigassio Smith, Shane Taylor, Ann Webb, Poinciana Willis, Mary Wright; **Sevenson:** Mike Crystal, Joe Mahoney **USACE:** Tim Rezendes, Kevin Coleman, Bob Christie, Jay Mackay, Marcos Palva, Ellen Iorio, Sheila Winston-Vincilla, Peter Hugh, Steve Wolf, Marie Esten, Nate Mangelson; **EPA:** Cynthia Catri, David Peterson, Dave Lederer, Barb Bergen, Dave Dickerson, Hoshaiiah Barczynski; **MADEP:** Paul Craffey, Garry Waldeck; **Battelle:** Deirdre Dahlen, Jessica Tenzar, Patricia White **KOMEN:** Debi Heims; **Lally Consulting:** John Lally  
ACE-J23-35BG1001-P4-0113



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### JACOBS FIELDWORK DMUs/CAD CELL (Current 3/27/17)

MU	Design Volume	Dredged to Date (CY)	1st pass	2nd pass	Verification Sampling	Verification Sampling Results	Confirmation Sampling	Confirmation Sampling Results	Progress Bathy Survey	Final Bathy Survey	Date Area Cleared	Notes
MU-25	26,401	19,091	3/9/17		Round 1 3/21/17	3/23/17 and 3/27/17 (re-runs) (preliminary)			Last 3/23  Next 3/31			Continued 2 <sup>nd</sup> pass. Daily calibration checks conducted morning and noon. QCR being prepared on recommended changes.
MU-28 (North)	13,027	13,405	1/24/17	2/17/17	Round 1 2/2-3/17	2/7/17 (preliminary IA)			2/21/17			Dredging completed, 4 locations re-dredged.
MU-28 (Central)					Round 2 2/8 and 2/10/17	2/13/17 (preliminary IA)						
MU-28 (South)					Round 3 2/14 and Round 4 2/20/17	2/21/17 (preliminary IA)						
37C												Need to move moorings
37D												Perform with 37C
CAD Cell	—	—	—	—	—	—	—	—	Week of 2/7	—	—	Track Progress Survey date

### OTHER FIELDWORK

Action	Date	Notes
CAD Cell Curtain Inspections	Ongoing	Curtain will be replaced by FFP Contractor at start of contract. Based on



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- 3-7' CURTAINS

Action	Date	Notes
		Jacobs/SES inspection, seven piles were missing and all curtain sections are in need of replacement. SES replaced seven missing curtain sections closest to the sediment transfer area and entrance gate. Jacobs/SES has inventoried the sections/lengths onsite. There are 5 total curtains onsite (3-20'x100' and 2-10'x100'). Note that lead time is approximately six weeks for new sections though could be expedited if only ordering a few.
CAD Cell piles	Week of 3/27	Anticipated to be completed by today, (3/29).
Pipeline Relocation <i>SCENARIOS</i> 2 WALL SCENARIO 1 WALL SCENARIO <i>MAY - WORK SETTLEMENT</i> <i>FUNDING ON RAC</i> <i>MARK ASSIGNMENT</i>	March	Revisions based on comments are complete; the dive plan has been submitted and now waiting for approval from USACE. In addition, SES providing pricing for replacing the entire pipeline if necessary based upon condition. Two USACE reviewers are checking with each other. Any additional comments will be coming soon.
PMC shoreline excavation <i>RESTORATION UNDER RAC</i> <i>NOW. SOME BACKFILL AND</i> <i>TREN PLANTING WB RAC.</i> <i>1000 YD<sup>3</sup> EXCESS MATERIAL (\$106!)</i>	Ongoing	Currently digging the cove within a cove and working 12 hour days. USACE (Tim) has requested that Jacobs perform daily grade checks to verify target elevations are attained. A laser based survey was performed by Meridian to confirm surface elevations prior to excavation resuming in the eastern portion of the cove w/in a cove. Remaining work along the northern shore will be completed once the cove within a cove is finished; approximately 5 days remain along the northern shore. Design changes are being implemented which will involve changes to schedule and budget.
Inventory of site monitoring wells		Jacobs has installed new caps/locks on all but one well; last cap on order.
Aerovox 21e Project	Ongoing	There continues to be no activity at the site.

## SAMPLING AND ANALYSIS

Event	Samples Collection	Analytical Testing	Unvalidated Results	Validated results	Notes
Water Quality Monitoring (Lower and Upper Harbor)	MU25	in situ turbidity only	N/A	N/A	Boat-based WQM scheduled for Thursday in the Upper Harbor (MU25); WQM not scheduled this week for the Lower Harbor.
MU28 Verification Sampling	2/2-3/17 2/8, 2/10 2/14/17	IA IA	2/7/17 2/13/17		Confirmatory PCB congener analysis in progress; prevalidated data should be available 4/5/17.



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Event	Samples Collection	Analytical Testing	Unvalidated Results	Validated results	Notes
	2/20/17 3/13/17	IA IA	2/21/17 3/20/17		
Pierce Mill Cove Verification/Confirmatory Sampling	12/14/16 12/20/16 12/27/16 1/25/17  3/9, 3/13/17 3/16-17/17	IA IA IA IA Congener IA	12/20/16 1/10/17 1/4/16 1/31/17 2/15/17 3/22/17 3/22/17	3/13/17	On standby for next sampling round.
Upper Harbor Subtidal Data Gap Sampling	2/21-24/17	IA	3/8, 22/17		Select samples for confirmatory congener analysis using preliminary IA data.
MU 25 Verification Sampling	3/21/17 3/23/17	IA IA	3/23, 27/17 3/27/17		40 locations sampled to date; on standby to continue sampling Friday (3/31/17) pending direction from USACE.

## AIR MONITORING

Event	Samples Collection	Unvalidated Results	Validated results	Notes
Low Resolution Homolog Air Data	1/12 and 1/13 (PMC)	High and Low Res	Y	USACE (Ellen) requested that the Low Resolution Homolog air data be placed in the Battelle database.
Feb Ambient Air Sampling	Week of 2/20 (PMC)	High Res (2/23)	N	WHITM VALUATION
March Ambient Air Sampling	3/8 and 3/9 (LH)	Low Res received 3/27/17		EPA requested that this event be Low Res only. NOVAZ
April Ambient Air Sampling	Week of 4/3 (LH)			PERVA JUST RUN
LH Pre-dredge Round				Performed when BV is awarded
July/Aug Area C VOC sampling (Summa)				Per EPA (Elaine) request, this sampling event will be conducted at Area C in the area surrounding Cell #1.





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### MEETINGS/OTHER ACTIVITIES

Action	Date	Notes
Marsh Island	Ongoing	Jacobs provided a drawing showing the areas to be remediated and the approximate location of the access road to EPA (Dave D) for a meeting with the Cemetery. EPA (Dave D) has requested that USACE (Ellen) provide approximate costs for a temporary easement on the Cemetery's property; costs will be used for analysis of services in lieu of payment. Jacobs is preparing a work plan for remediation and restoration. Based on Team discussions, the easement with Moby Dick will not require modification. EPA (Dave D) will check with the Cemetery in regards to removing the access road at the completion of restoration or leaving it in place for future NOAA use.
Bioengineering Symposium – NBH Superfund Tour	4/19/17 4/12/17	Jacobs to provide tour of Areas C & D. <i>ANYONE INTERESTED?</i>
Aerovox Group Meeting	3/31/17	10:00 on Friday at Area C. <i>FORWARD</i>
Aerovox 21e Project – Phase III RAP	Ongoing	MassDEP sent a dispute letter to Aerovox; revised Phase III due June 30.
City of New Bedford Update - Riverwalk	Ongoing	EPA (Dave D) will follow up with CoNB (Michele).
Fence at Parcel 265	Ongoing	City needs to walk the site and let Jacobs know whether they want the fence put back and where. Jacobs (Mark) has a call into the CoNB but has not heard back. <i>TEB WILL FOLLOW UP</i>
Cleanup Strategy Meeting	TBD	A schedule for future meetings will be sent out soon. <i>2</i>

### RIGHT OF ENTRY/PUBLIC RELEASE FORMS

Parcel or Name of Owner	Right of Entry Need Date	Task	Notes
Cemetery	Early April	Intertidal	The EPA attorney is talking with the cemetery about potential access to the Intertidal areas through the cemetery.
Marsh Island	Early April	Intertidal	Easement/access issues being worked between EPA and Cemetery.
Town of Fairhaven Easement	Early April	Intertidal	Access agreement is in place. Jacobs will provide measures to protect sewer lines.
LH Properties - Miguel	TBD	Intertidal	
Future Upper Harbor Access Roads	TBD	Intertidal	Jacobs (Jon B) will provide a map showing areas that may require access roads.
17-1 and 17-3/Mike Panagakos	Before dredging of BtB	Subtidal/Intertidal	EPA (Lederer) provided a tentative schedule for mid-2017 through 2018 remediation. Waiting for signed ROE – Dave L. has turned over the matter of ROE to EPA's legal staff for

# JACOBS

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Robichaud	Archeology	resolution. EPA (Barczynski) will distribute.
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### DELIVERABLES

No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
B1	Intertidal Phase 2 Study Report	Battelle	Final 4/5/17		Dickerson, Lederer	Address Ginny's draft review comments.
B2	Comparison Study of high resolution and low resolution Homolog analysis.	Battelle/AECOM	Draft 3/10/17		Lewis, Lederer	EPA (Dave D.) has no comments. In review and USACE (Ellen) will check on status.
B3	Outer Harbor Data Report	Battelle	Draft 3/29/17		Rezendes, Lewis, Lederer	Draft report submitted to USACE (Peter), EPA (Kimberly White) and Jacobs (Anita) for review and inclusion as appendix to Jacobs report (item J12)
B4	Upper Harbor Intertidal East FSP	Battelle	Draft 4/3/17	4/19	Dickerson, Esten, Lewis, Dickerson, Morris	
B5	MU28 Resampling Tech Memo	Battelle	April			After receipt of the March EDD with final PCB IA data
J1	MU-25 Work Plan Addendum, RCL	Jacobs	RCL 3/3/17	RCL b/c 3/30/17	Rezendes, Lederer, Lally, Barczynski	Will issue DF once RCL back check complete.
J2	Between the Bridges	Jacobs	TBD		Iorio, Rezendes, Lederer, Lally, Esten	On hold for now.
J3	Existing Debris Map for City of NB	Jacobs	TBD			Will be completed after debris operations are complete.
J4	2014/2015 Ambient Air Report RCLs	Jacobs	2/15/17	3/3/17	Lewis, Lederer, AECOM	New rolling averages are being used in lieu of PETS curves. AECOM (Dave H.) will review EPA revisions



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No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
						(Rick S.).
J5	Dive plan for pipe relocation	Jacobs	3/8/17			Pending USACE back check. Additional comments coming
J6	Comprehensive Plan Milestones	Jacobs	3/30/17	--	--	
J7	Phase II Archeological Investigation Summary Report Delivery dates	Jacobs/CR/PAL	4/10/17 RESUBMIT Draft Arch. Report (late-March early April 2017) Final Arch. Report (30 days after receipt of agency comments)	3/24/17	4/6 DRAFT SUBMIT	Dates for Draft and Final may shift depending on extent of comments. CR/PAL finalizing comments
J8	Shipwreck 2 Report	Jacobs/CR	TBD			
J9	Archeological Disposition Spreadsheet	Jacobs, CR, PAL	4/17/17			
J10	Intertidal WP for Marsh Island	Jacobs	4/7/17 COMM TAB w/k	4/21	DICKERSON ESTEN NATE (4/21/17)	Topo survey and veg inventory completed last week. Survey of core elevations will be completed this week. Jacobs will submit a preliminary draft (Word doc and figures) on 4/7/17 including planning to date and identifying aspects that require further design/discussion/resolution.
J11	Generic WP for UH Hybrid Dredging/Cable Crossing	Jacobs	4/7/17 COMM K. P. L. O. A. Y.	4/28	W. B. O. R. N. A. T. E. / T. I. M. L. A. W. L. E. Y. / E. S. T. E. N.	Design meeting 3/27-28/17. WP to be completed after design elements have been finalized.
J12	Pilot Cap Report	Jacobs	4/14/17 B. O. R. N. S. E. A. R. L. Y.			Jacobs attempting to advance submittal schedule.

(BATTY)  
w/ CHEN  
APPENDIX

BATTY

ATTN FOR 4/21/17



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U1	CAD Cell Slope Monitoring and Consolidation	USACE	Ongoing	NA	Rezendes	CAD survey to be performed at completion of 2 <sup>nd</sup> pass at MU-25. Jacobs (Mark) to provide a date.
E1	Fate and Transport Model Letter Report	ERDC	4/24/17		Iorio, USACE PDT, Bergen, Barczyski	Prelim output sent out by Ellen.

## CONTRACT ACTIONS

Contract	Date	Notes
TERC TO# 1, 6, 7, 8 Incentive Fees	3/31/17	Final action is with Contracting.
TERC TO# 1, 6, 8 Closeout	3/31/17	Final action is with Contracting.
Battelle modification MEG AO 7	4/19/17	One contract action for Addendum #9 and optional tasks through summer 2017. Award date anticipated 4/19/17.
IRAC	3/31/17	POP extended until end of May 2017
RAC Task Order	Before end of May	Issues with binding rates